

19990816.ba v02_n637.bam.990816 v02_n638.bam.990816

>From ???@??? Tue Aug 17 01:39:20 1999
Message-Id: <199908161314.d7GDEpA23679@sco.theporch.com>
Date: Mon, 16 Aug 1999 08:14:24 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2637

BOATANCHORS Digest 2637

Topics covered in this issue include:

- 1) Re: Unknown Johnson transmitter
by "Bill Coleman" <n2bc@stny.rr.com>
- 2) building contraption
by "Arden Allen" <gumbear@pacbell.net>
- 3) Re: Unknown Johnson transmitter
by "Arden Allen" <gumbear@pacbell.net>
- 4) Re:
by Hue Miller <kargokult@proaxis.com>
- 5) ARINC
by Hue Miller <kargokult@proaxis.com>
- 6) Re: "Knob fungus"
by "Barry L. Ornitz" <ornitz@tricon.net>
- 7) Re: Unknown Johnson transmitter
by "Mike B. Feher" <n4fs@monmouth.com>
- 8) Re: 1955 Handbook gems (Collins)
by "Prof. Arthur I. Larky" <ail0@lehigh.edu>
- 9) Re: ARINC
by AAFRadio@erols.com
- 10) Need AN/PRC-1 manual
by tbryan@nova.org
- 11) McMurdo question
by ray <rcmorris@mars.ark.com>
- 12) Help Identify Plugin Coil
by "BROWN,MIKHAEL (HP-PaloAlto,ex1)" <mikhael_brown@am.exch.hp.com>
- 13) Re: "Knob fungus"
by John Shriver <jas@shiva.com>
- 14) hickok 156a traceometer
by luc dugas <collins2@globetrotter.net>
- 15) Re: "Knob fungus"
by Bob Roehrig <broehrig@admin.aurora.edu>
- 16) Vaccum variables fs
by dick a george <k6kwq@juno.com>
- 17) Re: "Knob fungus"
by "Barry L. Ornitz" <ornitz@tricon.net>
- 18) Re: Help Identify Plugin Coil

- by Al Klase <skywaves@bw.webex.net>
- 19) Re: McMurdo question
by "A.B. Bonds" <ab@vuse.vanderbilt.edu>
- 20) sx-88 manual
by luc dugas <collins2@globetrotter.net>
- 21) Central Electronics 200V - info, experiences, etc. ?
by Brien Pepperdine <pepperb@gov.on.ca>
- 22) Need RBL Receiver Manual
by <davidh@getnet.com>
- 23) info needed: WAVEFORMS Model 452A
by "Mike Warren" <w5maz@earthlink.net>
- 24) Re: Central Electronics 200V - info, experiences, etc. ?
by Bob Login <jlogin@mindspring.com>

Message-ID: <003b01bee6bc\$3e650300\$49915f18@basement.stny.rr.com>
From: "Bill Coleman" <n2bc@stny.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Unknown Johnson transmitter
Date: Sat, 14 Aug 1999 21:19:37 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It looks to me like the Johnson logo is from one of the tube sockets - look closely at the left socket. The tubes look like 211s. The one meter is an AC ammeter, bet the device is one of those early electrical snake oil equivalents. 'Tis pretty!

73, Bill N2BC
-----Original Message-----
From: Gary Pewitt <gpewitt@execpc.com>

>Folks, I just saw a Johnson transmitter on that E place that floored me.
>It is made in
>a furniture quality cabinet and looks like an end table. The label is
>clearly Johnson.
>The listing number is 143640765. Does anyone know what it is?
(clip/snip)

Message-Id: <199908150229.TAA04708@mta3.snfc21.pbi.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: building contraption
Date: Sat, 14 Aug 1999 19:30:04 -0700

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Tektrodytes;

Working on a Tektronix 7- series plugin is like playing hide-n-seek, now it's in the main frame, now it's not. It gets really interesting when you get the plugin fixed and it comes time to calibrate it. The missing piece to the puzzle is the extender you need to plug into the mainframe so you can get at the skads of little pots and trimmers in order to tweak away the day.

So I decided to build an extender of some sort. I need a card edge connector, one that has independent contacts on each side of the board it will mate with, the fingers being on .1 in centers, with 38 positions making a total of 76 contacts. If anyone has a connector with at least 76 contacts I would surely like to relieve you of ownership of said connector. I will reward the supplier with coin of the realm and a big smile.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-Id: <199908150259.TAA12801@mta3.snfc21.pbi.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Unknown Johnson transmitter
Date: Sat, 14 Aug 1999 20:00:47 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

>The listing number is 143640765. Does anyone know what it is?

Yeah, it's sucker bate. Who the hell would monitor transmitter output with an iron vane ammeter???? Neato tank coil!

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-Id: <3.0.5.32.19990814204532.007d9200@proaxis.com>
Date: Sat, 14 Aug 1999 20:45:32 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Hue Miller <kargokult@proaxis.com>
Subject: Re:
Cc: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 02:08 PM 7/10/99 -0400, AAFRadio@erols.com wrote:

>David Stinson wrote:

>> > Does anyone remember the infamous URL of the
>> company that was claiming it invented airborne VHF
>> with the ARC-1? Can't find it here.

>

>ARINC. Originally Aeronautical Radio, Inc.

>http://www.arinc.com/About/first_vhf.html. With that 1938 date, they're
>really talking about the Western Electric 233A, though, which was
>adopted by the military as the AN/ARC-4. ARC-1 might have been an
>in-house ARINC marketing name for it, though. Work on the AN/ARC-1
>didn't begin until 1942 by Bell Labs for a Navy requirement. It's
>interesting that Bell Labs doesn't mention ARINC - only having done the
>design and development of the 233A for Pan American. :-)

>

>73,

>Mike Hanz KC4TOS

>

>

>

Message-Id: <3.0.5.32.19990814205823.0080db80@proaxis.com>

Date: Sat, 14 Aug 1999 20:58:23 -0700

To: Old Tube Radios <boatanchors@theporch.com>

From: Hue Miller <kargokult@proaxis.com>

Subject: ARINC

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>Date: Sat, 14 Aug 1999 20:56:57 -0700

>To: webmaster@arinc.com

>From: Hue Miller <kargokult@proaxis.com>

>say, something is patently fishy about your ARINC history as presented
>on the website. quoting here from the "boatanchors" mail list:

>

>" With that 1938 date, they're
>really talking about the Western Electric 233A, though, which was
>adopted by the military as the AN/ARC-4. ARC-1 might have been an
>in-house ARINC marketing name for it, though. Work on the [real] AN/ARC-1
>didn't begin until 1942 by Bell Labs for a Navy requirement. It's
>interesting that Bell Labs doesn't mention ARINC - only having done the
>design and development of the 233A for Pan American. :-)

>

>73,

>Mike Hanz KC4TOS "

>
>also,your quote of over a million produced seems bogus as can be.
>how likely does a production of one million units of an aircraft
>radio, not a consumer radio, seem - and one soon supplemented or
>superceded by wartime production of the AN/ARC-1 (the "real"
>ARC-1 with Army-Navy nomenclature, the autotune system one),
>and AN/ARC-5 VHF ?
>
>Hue Miller

Message-Id: <199908150302.XAA00962@flash.naxs.net>
From: "Barry L. Ornitz" <ornitz@tricon.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: "Knob fungus"
Date: Sat, 14 Aug 1999 23:57:52 -0400

John Shriver wrote:

>If the knobs are a softer plastic, with any flexibility at all,
>it's probably the lead-based plasticiser leaching out of the
>plastic, in the form of white lead. (Remember the panic about a
>year ago about plastic mini-blinds that shed massive amounts of
>lead dust?) One obvious hint would be that they don't use a
>setscrew, but are compression fit over a flatted or fluted
>shaft.

Do you have any documentation on this, John? I always thought the blinds shed lead because of the lead oxide white pigment still used in China (but banned in the USA). In all my years of working for plastics manufacturers, I have never know of a lead-based plasticizer. Eastman made a number of plasticizers for commercial sale - all were oily/greasy/sticky/waxy long-chain organic molecules like dioctyl phthalate. All plasticizers literally act like a lubricant to allow stiffer polymers to achieve more flex. The only organic lead (and mercury compounds) for other than very specialized uses were those sold specifically to put in paint as a mildew/fungus preventer!! These were banned in the mid-1970's. I suppose lead oxide (white lead) could have been incorporated in a small number of white plastics as a pigment and filler material. This should not leach out in amounts that would normally be harmful. In fact, titanium dioxide has virtually completely replaced lead oxide as a pigment today. However, in WWII engraved knobs, the white filler paint may contain some lead oxide. Avoid the dust when cleaning this out and certainly do not eat any fragments.

Knobs, particularly phenolic ones, pick up skin oils on their slightly porous surfaces. These can mildew. I have found that many of the foaming

bathroom cleaners (DOW or Lysol) that contain glycol ethers work well to remove the oils and they are also disinfectants killing the fungus. These are normally quite mild on most plastics and paints.

When plasticizers do leach to the surface of plastics, they generally make the surface oily and sticky. Very old vinyl insulation is a common product to have this happen to. The greasy coating inside your automobile windows after parking them in the sun is also plasticizer that evaporated from the PVC dashboard and seat covers.

73, Barry L. Ornitz WA4VZQ ornitz@tricon.net

Message-ID: <001701bee6df\$0aa47c80\$ec1bbfd1@n4fs>
From: "Mike B. Feher" <n4fs@monmouth.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Unknown Johnson transmitter
Date: Sun, 15 Aug 1999 01:28:38 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yep nice item. Looks like an early diathermy machine to me. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-901-9193

----- Original Message -----
From: Gary Pewitt <gpewitt@execpc.com>
To: Old Tube Radios <boatanchors@theporch.com>
Sent: Saturday, August 14, 1999 8:50 PM
Subject: Unknown Johnson transmitter

> Folks, I just saw a Johnson transmitter on that E place that floored me.
> It is made in
> a furniture quality cabinet and looks like an end table. The label is
> clearly Johnson.
> The listing number is 143640765. Does anyone know what it is? I thought
I

> was familiar
> with most all Johnson gear, guess I was wrong. This definetly looks older
> than the
> Viking I transmitter. Sure looks nice. I wish I could afford to bid on
> it. No, I'm not shilling for the sender I just would like to know what it
> is.
> 73 Gary N9ZSV/KT
> Gary Pewitt N9ZSV/KT gpewitt@execpc.com
> 6120 W. Calumet Rd. Apt. 204, Milwaukee, WI 53223
> 414 355 8147 home 414 297 4307 work
> Sturgeon's Law "Ninty percent of everything is crap."
>
>
>
>

Message-ID: <37B61F76.21AD@lehigh.edu>
Date: Sun, 15 Aug 1999 02:02:11 +0000
From: "Prof. Arthur I. Larky" <ail0@lehigh.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 1955 Handbook gems (Collins)
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A gray Lady was a Red Cross volunteer during the second world war.
Folded bandages, served coffee & cookies, etc.
Art K3HBA
> What's a "Gray Lady"?
>
> Robert Downs
> WA5CAB
> Houston

From: AAFRadio@erols.com
Message-ID: <37B6B049.4805B74@erols.com>
Date: Sun, 15 Aug 1999 08:19:21 -0400
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: ARINC
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hue Miller wrote:

> >also, [ARINC's] quote of over a million produced seems bogus as can be.
> >how likely does a production of one million units of an aircraft
> >radio, not a consumer radio, seem - and one soon supplemented or
> >superceded by wartime production of the AN/ARC-1 (the "real"
> >ARC-1 with Army-Navy nomenclature, the autotune system one),
> >and AN/ARC-5 VHF ?

I certainly applaud your courage in trying to set the record straight with ARINC, Hue. On the other hand, I strongly suspect this is just one of those "spin city" versions dreamed up by the marketing branch to remind folks of ARINC's value to the industry, There's probably enough truth in each one of the claims to tie their hat on. For example, it wouldn't surprise me at all if their own internal designator for what eventually became the WE233A *was* ARC-1. The fact that it has nothing to do with the JAN AN/ARC designation system isn't really of any concern to the marketing staff of a commercial enterprise. And if you considered all the VHF sets made during the war which could legitimately trace their lineage to the basic design that Bell Labs did for Pan Am (and by proxy "for ARINC") on the 233A in 1938-39, one could probably claim more than a million. The point of the web page is clearly their leading role in concept origination and development (i.e., requirements definition, concept of operations, and funding) for the airline industry. There's certainly value in those contributions. We electron-heads tend to make interpretations based on literal nomenclature numbers, design characteristics, etc. Marketing does it with broad windows of possibilities. (I won't dwell on Al Gore's personal responsibility for creation of the Internet... :-)) Anyway, it will be interesting to see if anything changes on their web page. Can't hurt to try.

73,
Mike Hanz KC4TOS

Message-Id: <3.0.6.32.19990815104250.01ea3bd0@mail.nova.org>
Date: Sun, 15 Aug 1999 10:42:50 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: tbryan@nova.org
Subject: Need AN/PRC-1 manual
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello All,

I would like to get a copy of the manual for the AN/PRC-1 if such a thing exists.

I will gladly pay any costs of copying and postage.

Does anyone know the history of this radio? I was told it was used by special agents of the military intelligence service and by the OSS until they got the SSTR-1.

Tom Bryan
tbryan@nova.org

Message-Id: <3.0.6.32.19990815112127.007a3550@mars.ark.com>
Date: Sun, 15 Aug 1999 11:21:27 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: ray <rcmorris@mars.ark.com>
Subject: McMurdo question
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings Group,'

I'm starting to recap my "accidental , once in a lifetime find"
McMurdo
IV cabinet radio. I've ran across two .5uf 600V polarized condensers in the filter circuit of the power supply. Rough total C of these two would be .22 ufd. They are in parallel with a 16ufd, 12 ufd and 18ufd.
The schematic also shows two .5ufd in series, so they are supposed to be like that..
QUESTION: Can I substitute a .22ufd 600V UNPOLARIZED? Thanks for any thoughts .

73.....Ray.....VE7FBJ
<http://mars.ark.com/~rcmorris/>

Message-ID: <57480C70A425D311B49F00A0C99E501D0162AD1E@xpa01.boi.hp.com>
From: "BROWN,MIKHAEL (HP-PaloAlto,ex1)" <mikhael_brown@am.exch.hp.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Help Identify Plugin Coil
Date: Sun, 15 Aug 1999 13:51:50 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Have Plug in Coil made by National. It has 3 coils mounted on one face plate. It all black in color. Covers 4000 to 6500 KC. You can view it at the following URL.

<http://members.xoom.com/N6WIG/pgincoil.jpg>

Let me know if you can identify it.

Thanks and 73's

Mike, N6WIG

--

mikhael_brown@hp.com

Date: Sun, 15 Aug 1999 16:03:48 -0400
Message-Id: <199908152003.QAA00872@brill.shiva.com>
From: John Shriver <jas@shiva.com>
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: Re: "Knob fungus"

Well, I do have some knobs that still have the white plague on them, and there are some NaS lead test kits in the house. Perhaps I will experiment...

As for the lead in the blinds, here's text from one of the thousands of hits I got by searching for "+lead +mini +blinds" on atlavista.com:

CPSC Finds Lead Poisoning Hazard for Young Children in Imported Vinyl Miniblinds

WASHINGTON, D.C. After testing and analyzing imported vinyl miniblinds, the U.S. Consumer Product Safety Commission (CPSC) has determined that some of these blinds can present a lead poisoning hazard for young children. Twenty-five million non-glossy, vinyl miniblinds that have lead added to stabilize the plastic in the blinds are imported each year from China, Taiwan, Mexico, and Indonesia. CPSC found that over time the plastic deteriorates from exposure to sunlight and heat to form lead dust on the surface of the blind. The amount of lead dust that formed from the deterioration varied from blind to blind. In homes where children ages 6 and younger may be present, CPSC recommends that consumers remove these vinyl miniblinds.

Message-ID: <37B6CE4E.180A9A24@globetrotter.net>
Date: Sun, 15 Aug 1999 15:27:26 +0100
From: luc dugas <collins2@globetrotter.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: hickok 156a traceometer

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

the above has been offered to me this morning at \$150 usd. i have the
feeling it is an interesting peice. any opinion about it?

luc ve2lgj 73s

Date: Sun, 15 Aug 1999 18:10:50 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: "Knob fungus"
Message-ID: <Pine.OSF.3.96.990815180932.17310D-1000000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Speaking of knob fungus, I heppened to remember having some old voltmeter
test probes (you know, the red and black jobs about 4 inches long) that
also developed a white coating after a long time in storage.

"Nostalgia is a thing of the past"

E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net 73 de Bob, K9EUI

CIS: Data / Telecom Aurora University, Aurora, IL

630-844-4898 Fax 630-844-4222

To: Old Tube Radios <boatanchors@theporch.com>
Date: Sun, 15 Aug 1999 16:09:28 -0700
Subject: Vaccum variables fs
Message-ID: <19990815.160929.-136985.0.K6KWQ@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: dick a george <k6kwq@juno.com>

From: WB20DHJIM@aol.com

For Sale

Item I

Qty. 5, Vacuum Variable Capacitors

4 Jennings

UCS 300 10,000 volts rated.

1 Vacap Corp. (Jennings type) Vacuum Variable Cap.
VVC-300-4210 10,000 volts
\$50 each

73
Jim, W2ODH/6
wb2odhjim@aol.com

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Message-Id: <199908152246.SAA27716@flash.naxs.net>
From: "Barry L. Ornitz" <ornitz@tricon.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: "Knob fungus"
Date: Sun, 15 Aug 1999 19:42:23 -0400

John and group,

Like almost every newspaper article I have seen, the science from the quoted article is wrong. I wish journalism majors were required to have several science courses. They usually get the intent of a story correct, but are totally lost in the details. I have yet to read any newspaper article concerning chemistry that got the science completely correct. It is no wonder that the USA is rapidly declining in science education compared to most other developed countries.

The material in the blinds is there as a pigment. It is not a plasticizer, nor a stabilizer (although as a white pigment, it will offer a little protection against ultraviolet). Remember "white lead" and "red lead" are two forms of lead oxide, and that they were used in many paints. They were once used extensively before being banned. In particular they were used on ships, especially below the waterline, usually because the lead is toxic to barnacles. The opaque red glypt varnish sometimes found in our gear contains red lead. Note the article specifically mentioned non-glossy blinds. This would mean a higher percentage of fillers and pigments (and hence their release after degradation) than would be used in glossy ones.

Note that the blinds were not made in the USA but in China, Taiwan, Mexico, and Indonesia. These countries do not have the strict lead standards that most developed countries do. This should be taken as a warning about all very low-cost imported plastic items - and especially children's toys.

There are some real chemical risks when restoring Boatanchors, but they

need to be seen in perspective. The solvents used in cleaning and painting are likely to create the largest concerns. Lead can be nasty because it accumulates in the body (making it especially nasty for young children), but how many of us worry about using a fume hood (or even adequate ventilation) when soldering?

By the way, Eastman makes a total of 24 grades of 11 different types of plasticizers; most of these are sold for PVC applications. They are all organic compounds and not based on any lead chemistry. There is some concern that phthalate-based plasticizers used in intravenous solution bags can leach out into the solutions. Because of their partial benzene-like structure, there is a fear they might be carcinogenic. Studies have been going on for over 30 years on this with no conclusive results having yet been found.

73, Barry L. Ornitz WA4VZQ ornitz@tricon.net

Message-ID: <37B75499.D0E4F66@bw.webex.net>
Date: Sun, 15 Aug 1999 20:00:25 -0400
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Help Identify Plugin Coil
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike & the Group,

Probably for a National AGU from 1933. Moore sez it's an AGS with ganged coils. That makes it an interim step between the separate coils in that receiver and the ganged coils of the familiar HRO's.

I can assure you this is vanishingly rare.

73,
Al

--
Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

Message-Id: <1.5.4.32.19990816005306.0128b284@mailhost.vuse.vanderbilt.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 15 Aug 1999 19:53:06 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "A.B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Re: McMurdo question

At 11:21 AM 8/15/99 -0700, you wrote:

>
> I'm starting to recap my "accidental , once in a lifetime find"
>McMurdo
>IV cabinet radio. I've ran across two .5uf 600V polarized condensers in
>the filter
>circuit of the power supply. Rough total C of these two would be .22 ufd.
>They are in parallel with a 16ufd, 12 ufd and 18ufd.
> The schematic also
>shows two .5ufd in series, so they are supposed to be like that..
>QUESTION: Can I substitute a .22ufd 600V
>UNPOLARIZED? Thanks for any thoughts .

In many cases the idea of "polarized" comes from a black ring (or other such indicator) on the case of the cap. This is to indicate the outer foil, which was considered important for shielding. However, most, if not all of caps so marked were otherwise nonpolarized. Reason I bring it up in this context is that your values do not sound like electrolytic (truly polarized) caps. General rule of thumb, a black band means outer foil but otherwise unpolarized, a "+" for sure means polarized. In any case non-polarized caps can generally be subbed for polarized caps. Seems to me that the small values in parallel with larger values are for HF bypass purposes, since the electrolytics can have high inductance.

73

A. B. Bonds

Message-ID: <37B70C67.59FB7DAE@globetrotter.net>
Date: Sun, 15 Aug 1999 19:52:23 +0100
From: luc dugas <collins2@globetrotter.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: sx-88 manual
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

i'd like to find a sx-88 manual or at least a copy.

luc ve2lgj 73s

Date: Sun, 15 Aug 1999 21:05:41 -0400 (EDT)
From: Brien Pepperdine <pepperb@gov.on.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Central Electronics 200V - info, experiences, etc. ?
Message-ID: <Pine.OSF.4.05.9908152052300.31544-100000@govonca2.gov.on.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

A CE 200V transmitter has come my way - an interesting box.
I would certainly welcome hearing by email from anyone owning,
using or having past experience with this transmitter.
And, I would like to obtain the documentation.

This one seems in OK shape- nothing bad is obvious to the eye, for
starters anyhow.

Any ideas on how to proceed with the resurrection of this back
onto the air are invited.
I do not think it has been on the air for a while, since it came to
me via
a somewhat circuitous route
over some time, having been given to someone
before me who a lot of
stuff on the ever expanding agenda of to-do tasks.
Especially, should I just variac the voltage up and see
if it plays OK or should some amount of work be done beforehand?

Are those 6550 final tubes an issue?

But of course, before I do any of that:
The inevitable.....

Is there anyone having a manual/schematics etc. for the 200V who is
willing to copy the stuff and send to me. I of course should do
basically nothing with it / to it until I have paper on it
and understand how to use it, as well as to be able to trace through it
for any obvious and hidden problems.

Thanks again to the List for the attention.

Brien Pepperdine

Amateur Radio Station VE3VAW
Toronto, Ontario

Message-Id: <199908160406.d7G46JA15099@sco.theporch.com>
Subject: Need RBL Receiver Manual
Date: Mon, 16 Aug 99 04:06:05 +0000
From: <davidh@getnet.com>
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Anybody have any suggestions where one might get a manual for an RBL receiver?

Thanks,

Dave N7RK

Dave N7RK - Webmaster CADXA
Phoenix, Arizona *DXCC Honor Roll* *WAZ#23 - 75 Meter SSB*

ex-N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor Collector Extraordinaire preferring Hallicrafters, National and what ever else looks interesting!

E-Mail: davidh@getnet.com
My Home Page: <http://www.getnet.com/~davidh>

Visit the Central Arizona DX Association Home page - <http://cadxa.org>

Message-ID: <004701bee7e4\$5416e960\$c3c61b26@mikewarr>
From: "Mike Warren" <w5maz@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: info needed: WAVEFORMS Model 452A
Date: Mon, 16 Aug 1999 07:39:04 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Greetings All,

Found an interesting looking piece of test equipment this weekend. It's a WAVEFORMS Model 452A Transmission Measuring Set. Looks to be a combination audio voltmeter and audio oscillator. Has jacks and switched input Z for 50, 150, 250 and 600 BAL and Hi-Z UNBAL inputs. Large meter and switch marked -60 DBM to +50 DBM. The audio oscillator covers 10 HZ to 100 kHz and switched output Z of 50,150, 250, and 600 BAL and 600 UNBAL. Output is metered and variable from -60 to +20 DBM. The front panel input jacks are 1/4" dual 'phone jack' type, and on the rear panel there are male and female 3-pin XLR-type.

Anybody have any info on, or a need for, this item?

Thanks,

Mike Warren W5MAZ (in MN)

Message-Id: <3.0.1.32.19990816091207.0082f980@pop.mindspring.com>
Date: Mon, 16 Aug 1999 09:12:07 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Bob Login <jlogin@mindspring.com>
Subject: Re: Central Electronics 200V - info, experiences, etc. ?
Cc: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Brien...I can make u a cpy of the manual. Give me a week or two. Give me ur address. ER had two articles on 100v. 200v is a version of the 100v where the new owners of CE reduced costs and improved rig with solid-state low heat rectifiers. I hv both rigs and like either one. They are solidly built but hv problems with relay contacts cruded up. Clean with Deoxit and hvy card paper or special burnishing tool. Clean all switches with Deoxit. Plug it in and fire it up on cw. It should work. If not its the relay but ck all the tubes. Output drops quickly if the driver and intermediate tubes are weak. Do not touch the slugs except the osc can be peaked. Touching the other slugs does very little to improve but will mess-up the broadbanded nature of the tuning. Output on 10 is very tube dependent especially the osc

tube. If it doesn't work on ssb feed in an audio signal and crank-up the output to see if u get any response. I found bad caps in audio interstage linkage that way. 6550's are available and the less expensive ones I heard on the reflector are useable(?) Best of luck...Bob, AA8A

At 09:05 PM 8/15/99 -0400, you wrote:

>
>A CE 200V transmitter has come my way - an interesting box.
>I would certainly welcome hearing by email from anyone owning,
>using or having past experience with this transmitter.
>And, I would like to obtain the documentation.
>
>This one seems in OK shape- nothing bad is obvious to the eye, for
>starters anyhow.
>
>Any ideas on how to proceed with the resurrection of this back
>onto the air are invited.
>I do not think it has been on the air for a while, since it came to
>me via
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>over some time, having been given to someone
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>stuff on the ever expanding agenda of to-do tasks.
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>if it plays OK or should some amount of work be done beforehand?
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>Are those 6550 final tubes an issue?
>
>But of course, before I do any of that:
>The inevitable.....
>
>Is there anyone having a manual/schematics etc. for the 200V who is
>willing to copy the stuff and send to me. I of course should do
>basically nothing with it / to it until I have paper on it
>and understand how to use it, as well as to be able to trace through it
>for any obviousl and hidden problems.
>
>Thanks again to the List for the attention.
>
>
>Brien Pepperdine
>Amateur Radio Station VE3VAW
>Toronto, Ontario
>
>

End of BOATANCHORS Digest 2637

>From ???@??? Tue Aug 17 01:40:29 1999
Message-Id: <199908170336.d7H3aWA12069@sco.theporch.com>
Date: Mon, 16 Aug 1999 22:35:30 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2638

BOATANCHORS Digest 2638

Topics covered in this issue include:

- 1) What is a VT-25 and VT-55
by Michael Crestohl <mc@sover.net>
- 2) Re: What is a VT-25 and VT-55
by Al Klase <skywaves@bw.webex.net>
- 3) WTB: Tuning knobs for SX-25
by Clark Thompson <cmthomp1@facstaff.wisc.edu>
- 4) Re: What is a VT-25 and VT-55
by polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
- 5) Re: What is a VT-25 and VT-55
by Paul Thekan <Paul.Thekan@eimac.cpii.com>
- 6) Re: info needed: WAVEFORMS Model 452A
by Richard Loken <richardlo@devax.admin.athabascau.ca>
- 7) Re: What is a VT-25 and VT-55
by "Mike Feher" <n4fs@monmouth.com>
- 8) RE: Rx info wanted (OA-65)
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
- 9) Re: What is a VT-25 and VT-55
by w8au@sssnet.com
- 10) Re: What is a VT-25 and VT-55
by William Donzelli <aw288@osfn.org>
- 11) Re: What is a VT-25 and VT-55
by "Mike B. Feher" <n4fs@monmouth.com>
- 12) Re: What is a VT-25 and VT-55
by William Donzelli <aw288@osfn.org>
- 13) Re: What is a VT-25 and VT-55
by William Donzelli <aw288@osfn.org>
- 14) Anyone need Sonar Testing Equipment?
by "Charlie Cheney" <ccheney@thecia.net>
- 15) Re: NC183d@aol.com need advice....
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 16) RE: NC183d@aol.com need advice....

- by "Ed Tanton" <n4xy@att.net>
17) RE: NC183d@aol.com need advice....
by "P. J. Rovero" <provero@connix.com>
18) FS: Collins KWM-2, 312B-5, 30L-1
by "Gary Franklin" <franklin@net-link.net>
19) Hammarlund and Hallicrafters FS
by "Wallace Gibbons" <rockwall@tcsourseone.com>
20) Oddball Rack
by "Robert Nickels" <ranickel@mwci.net>
21) FS: Misc radios and stuff
by jim lockwood <jmlckwd@mindspring.com>
22) Re: Help Needed
by David Stinson <arc5@ix.netcom.com>
23) FS: Tek Manuals
by Frank White <frw@gvi.net>

Message-Id: <4.2.0.58.19990816093151.009f4780@mail.sover.net>
Date: Mon, 16 Aug 1999 09:34:02 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Michael Crestohl <mc@sover.net>
Subject: What is a VT-25 and VT-55
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Just picked up an interesting WW-II small transmitter, BC-187 I believe and it is missing its' toobes. This one is a keeper! Chassis and schematic indicates VT-25 and VT-55. Don't have my conversion chart handy so does anyone know the equivilencies?

TIA,

Michael Crestohl
Cordially,

Michael Crestohl
mc@sover.net

Message-ID: <37B81768.3A931171@bw.webex.net>
Date: Mon, 16 Aug 1999 09:51:36 -0400
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: What is a VT-25 and VT-55
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Mike & the Group,

VT-25 is a type 10 and VT-55 is an 865, 15 W triode.

73, Al

--

Al Klase - N3FRQ

skywaves@bw.webex.net

Flemington, NJ 08822

Web Page: <http://www.webex.net/~skywaves/home.htm>

Message-ID: <37B83083.69BBA366@facstaff.wisc.edu>

Date: Mon, 16 Aug 1999 10:38:43 -0500

From: Clark Thompson <cmthomp1@facstaff.wisc.edu>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: WTB: Tuning knobs for SX-25

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Greetings,

I'm looking for the main tuning and bandspread knobs for a Hallicrafters SX-25. I believe these same knobs were used on several other models as well.

Thanks & 73,

Clark, KD9QI

Date: Mon, 16 Aug 1999 12:01:30 -0400

From: polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)

Message-Id: <199908161601.MAA19201@aa4rm.ba-watch.org>

To: Old Tube Radios <boatanchors@theporch.com>

Cc: boatanchors@theporch.com

Subject: Re: What is a VT-25 and VT-55

Michael a VT25 is a type-10 or 801. A VT-55 is a 865.

I bet 20 people will tell you this.

What 20 people won't say follows.

I have a BC-187... and a 186 RX & a 188 screen modulator.

'187 is a mopa with that 865 in final. Never have seen ckt. diag. but it might have taken 5 min.s to draw it. You lucky dawg, you don't have to waste that 5 min.s

Ran on a hand-crank gene & was a forest service mule-pack thing from '28 or '29 design.

Handfulls of this and the BC-175 TX/RX were made @ WW2's start only because we were tooled up (186/7/8 @ Dumont, 175 @ Cardwell)

Supposedly the 186/7/8 were all that Stilwell could get the natives to learn/use in Burma rice paddies.

I wasn't there... but I've used the trio in the CX & the AWA. Only other known set is Perry, W8AU @ Athens, OH.

I rigged mine for a thru-vent poly rod to run pi-net in reversible slightly mod'd tank. Note gnd connection is for CTP... shades of Reinart's counterpoise!

This little 20W blivot may not fly, but it's sure fun to employ.

Ask the time & your get watch repair notes

Marty

...and the VT25 is revered by a splinter tube-audio bunch. But they don't realize that the real spine-tingling pianissimo comes from an 865 - that's never been poisoned with RF.

sigh...real sigh is why I haven't made laps fulla cash on psycho-acoustics.

Message-Id: <199908161631.JAA06537@scottie.eimac.cpii.com>
Date: Mon, 16 Aug 1999 09:22:15 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Paul Thekan <Paul.Thekan@eimac.cpii.com>
Subject: Re: What is a VT-25 and VT-55
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Michael & the group

I have the manual for the BC 186 as well as the 187 &

188. It is in the TM for the SCR 178/179 set which I have almost complete but lacking the GN 37 , LG-8 legs and IN 85 antenna insulator.

If anyone needs a copy of the manual I would be happy to make copies .

Paul N6FEG

Date: Mon, 16 Aug 1999 10:21:03 -0600 (MDT)
From: Richard Loken <richardlo@devax.admin.athabascau.ca>
Subject: Re: info needed: WAVEFORMS Model 452A
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Message-id:
<Pine.PMDF.3.95.990816101639.541065880B-1000000@devax.admin.athabascau.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

That is used to telco's to test line quality I think. I would state that catagorically but it is over fifteen since I've use one so maybe that part of my memory is corrupted. Sigh, I can't remember any of the nomeclature, "you strain spaghetti with that thing in the kitchen with the holes in it." *

I refuse to waffle! That is a telephone line test set, I wonder if the telcos use those anymore?

Richard Loken VE6BSV, Systems Programmer - VMS
Athabasca University
Athabasca, Alberta Canada
** richardlo@admin.athabascau.ca **

Mordecai Richler, "Barney's Version" copyright 1997

Message-ID: <003301bee80a\$0e7331e0\$4fa10b9e@mils179.monmouth.army.mil>
From: "Mike Feher" <n4fs@monmouth.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: <boatanchors@theporch.com>
Subject: Re: What is a VT-25 and VT-55
Date: Mon, 16 Aug 1999 13:09:07 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Marty & Group -

The one that used to be in Perry's (W8AU) collection has been in mine now

for about 6 years. August Link also has a complete setup and there was a nice fairly complete one at AWA Rochester 2 years ago very reasonably priced. So there are a few around. I do have a spare receiver available for trade. 73 - Mike

Mike Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-901-9193

>Handfulls of this and the BC-175 TX/RX were made @ WW2's start only because
>we were tooled up (186/7/8 @ Dumont, 175 @ Cardwell)
>
>Supposedly the 186/7/8 were all that Stilwell could get the natives
>to learn/use in Burma rice paddies.
>
>I wasn't there... but I've used the trio in the CX & the AWA. Only other
>known set is Perry, W8AU @ Athens, OH.
>

Date: Mon, 16 Aug 1999 13:34:31 -0400
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: RE: Rx info wanted (OA-65)
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199908161334_MC2-8131-A77B@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Message text written by WA5JCI
>Radio Receiver Assembly
OA-65A/MRC-2
Channel B Receiver
<

Pete & Group,

The OA-65 is a modified BC-342 and is covered in TM 11-624. I haven't looked at the manuals in quite a while but my recollection is that the B receiver could be slaved off of the HFO in the A receiver. A BC-342 case=

should fit but may need one or two holes added in the rear.

Never actually saw one. Want to swap for something?

73,
Robert Downs
WA5CAB
Houston

Message-Id: <3.0.5.32.19990816143843.007b5780@mail.sssnet.com>
Date: Mon, 16 Aug 1999 14:38:43 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: w8au@sssnet.com
Subject: Re: What is a VT-25 and VT-55
Cc: boatanchors@theporch.com
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Mike and Marty:

Tnx for bringing memories of an old friend that I had fun with....

In a weak moment 6 years ago, during a "clean out" sale, Mike stopped by and I let him take the BC186/187/188 box with him. Nice to know that it is still in New Jersey.

For a few years I would take various "antiques" to Field Day, and "dare" the fellas and gals to try them in contest conditions! I did this with this particular set. Also used it in AWA OT TX parties.

I used batteries (in it's battery box) to run the DC filaments and RX, and a HB AC plate supply to power the TX. It performed wonderfully (for '30s technology) but, of course, was not up to handling gobs of QRM. At FD, I personally made about 20 contacts with it, and then snuck back to the smooth operation of the TenTec Triton 4. During AWA tests I stuck it out...after all, the others were as handicapped as I!

Often thought of getting its successor, the BC-654, to play with, but I think I'll stay with the memories of THAT boxed assortment of black crackle. I do have the GRC-9 and it, of course, is so much easier to operate.

BTW, Mike, that set came from a Dayton Hamvention fleamarket sometime in

the late 70's. Now, I wish I had kept the former owner's name....just to add to the bio' of your unit. Oh, well. (Mike, are you on the air these days?)

73,

Perry W8AU

At 01:09 PM 8/16/99 -0400, you wrote:

>Marty & Group -

>

>The one that used to be in Perry's (W8AU) collection has been in mine now
>for about 6 years. August Link also has a complete setup and there was a
>nice fairly complete one at AWA Rochester 2 years ago very reasonably
>priced. So there are a few around. I do have a spare receiver available for
>trade. 73 - Mike

>

>

>

>

>Mike Feher, N4FS

>89 Arnold Blvd.

>Howell, NJ, 07731

>732-901-9193

>

>

>

>

>

>

>>Handfulls of this and the BC-175 TX/RX were made @ WW2's start only because
>>we were tooled up (186/7/8 @ Dumont, 175 @ Cardwell)

>>

>>Supposedly the 186/7/8 were all that Stilwell could get the natives
>>to learn/use in Burma rice paddies.

>>

>>I wasn't there... but I've used the trio in the CX & the AWA. Only other
>>known set is Perry, W8AU @ Athens, OH.

>>

>

>

>

Date: Mon, 16 Aug 1999 17:09:52 -0400 (EDT)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: What is a VT-25 and VT-55

Message-ID: <Pine.SUN.3.91-FP.990816170505.5897C-100000@osfn.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

> The one that used to be in Perry's (W8AU) collection has been in mine now
> for about 6 years. August Link also has a complete setup and there was a
> nice fairly complete one at AWA Rochester 2 years ago very reasonably
> priced. So there are a few around. I do have a spare receiver available for
> trade.

While all you folks have BC-186/187/188 fun, I control most of the
world's supply of CD-132 cords for the set. These are short things, with
a 1/4" plug on one end and two spade lugs on the other.

A five dollar bill in an envelope ships one to your door.

William Donzelli
aw288@osfn.org

Message-ID: <005401bee82d\$82e87f80\$da1bbfd1@n4fs>

From: "Mike B. Feher" <n4fs@monmouth.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: What is a VT-25 and VT-55

Date: Mon, 16 Aug 1999 17:22:54 -0400

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Bill -

Is this the one for the key? If it is mine has it.

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-901-9193

> While all you folks have BC-186/187/188 fun, I control most of the
> world's supply of CD-132 cords for the set. These are short things, with
> a 1/4" plug on one end and two spade lugs on the other.

>

> A five dollar bill in an envelope ships one to your door.

>

> William Donzelli

> aw288@osfn.org

>

>

Date: Mon, 16 Aug 1999 17:21:21 -0400 (EDT)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: What is a VT-25 and VT-55
Message-ID: <Pine.SUN.3.91-FP.990816171021.5897D-100000@osfn.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Handfulls of this and the BC-175 TX/RX were made @ WW2's start only because
> we were tooled up (186/7/8 @ Dumont, 175 @ Cardwell)

One of those BC-175/176 sets showed up on Ebay a while back - but it was
priced, ummm, rather highly.

It seems to me that such sets (all them funny little BC- numbers) were
made in small batches, but in more than one batch each. I have seen
several orders, ranging from 1924 to 1940, for each of SCR-131, 133, 202,
209, etc. parts.

In other words, do not let the two (maybe three) digit serial numbers
suprise you, as I believe the Signal Corps always started numbers at one
for each order.

On a side note, does anyone out in BA land have an original BC-312?
Apparently this was paired with the BC-176 at some point - I wonder if
the original BC-312 was an odd animal like the original BC-176.

William Donzelli
aw288@osfn.net

Date: Mon, 16 Aug 1999 17:25:23 -0400 (EDT)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: What is a VT-25 and VT-55
Message-ID: <Pine.SUN.3.91-FP.990816172225.5897E-100000@osfn.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Is this the one for the key? If it is mine has it.

I do not know offhand, but that sounds like a good application for it.

William Donzelli
aw288@osfn.org

Message-ID: <00ac01bee82f\$3a7362e0\$972729d8@default>
From: "Charlie Cheney" <ccheney@thecia.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Anyone need Sonar Testing Equipment?
Date: Mon, 16 Aug 1999 17:35:13 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I picked up a Model OCP-4 sonar portable testing equipment at a flea market yesterday. Unfortunately, it doesn't look as if it is going to do what I had in mind for it (don't ask) but it occurred to me that it might be needed by some ship museum as I doubt it's the sort of thing that anyone would have preserved for its own sake. It is in beautiful condition but has no case (odd for a "portable" piece of equipment, but what do I know?)

Can anyone suggest a donee that might be looking for this (presumably a DD or DE, doubt that the battlewagons worried too much about sonar, but I can't swear to that, either.)

73 - ZUT

Charlie K1LDZ

Message-Id: <3.0.1.32.19990816175742.009caa30@vuse.vanderbilt.edu>
Date: Mon, 16 Aug 1999 17:57:42 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Re: NC183d@aol.com need advice....
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 06:41 PM 8/16/99 EDT, you wrote:

>

>I am considering taking the plunge and buying a God-made receiver. I have
>not, as yet added a Collins brand receiver to the collection and would
>appreciate any advice form the folks out there as to a few questions. First,
>are they as good as I hear they are? (Consider that I own a couple of
>NC183D's and that is, in my humble opinion, a GOOD receiver) Second, what
>model would suit my purposes best as I am mainly interested in general
>coverage and not specifically ham-band. Third, what should I expect to pay
>for this set? Also, are the speakers for these sets as difficult to come by

>as they are for vintage Nationals?

Depends. In terms of bang for the buck, you CANNOT beat an R-390A. Period.

Pros: Arguably the best tube receiver built in quantity
Superb sensitivity, cross-channel rejection, freedom from overload
Extraordinary design, satisfaction in watching all the little gears....
They were at least DESIGNED by Collins
General coverage 500 kHz-32 MHz
Reasonably good SSB performance with a tweak or two
They sound a lot better than a 183D. Trust me.
Available starting around \$250
Unmatched tech support group
Better looking than an R-392
Don't worry about speakers, nothing matches....
No one will steal it

Cons: Will nearly always need some work
Complex (but that's not really bad, izzit?)
Have to hunt for meters and covers
Need strong wrists for band cruising (well, gotta propagate the myth)
Ugly as a mud fence

Ya gotta love 'em.

'Course you could go for one of those pansy 51-J series, for a lot more money....

73 A. B. Bonds

From: "Ed Tanton" <n4xy@att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: NC183d@aol.com need advice....
Date: Mon, 16 Aug 1999 19:22:53 -0400
Message-ID: <NBBBJDEEIFDDANGEGHLBKEICGJAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You could opt for MY personal favorite: the 51S-1. It DOES have a matching speaker; can be lifted without getting a hernia; uses mech. filters; doesn't "always need fixing". I dearly love mine.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

Date: Mon, 16 Aug 1999 20:00:18 -0400 (EDT)
From: "P. J. Rovero" <provero@connix.com>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: NC183d@aol.com need advice....
Message-ID: <Pine.BSI.3.95.990816195844.7941A-100000@comet.connix.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

R-390, 51-S1 ?????? Naaaaaaaaa,

R-392. Two of 'em, since carrying just one makes
you lean to that side. Two keeps you standing
straight and only slightly lengthens the arms.

Cheaper than a R-390, still designed by Collins.

P. J. "Josh" Rovero	email: provero@connix.com
Oceanographer	work: rovero@sonalysts.com
Meteorologist	radio: KK1D
Curmudgeon at Large	web: http://www.connix.com/~provero/

Message-ID: <000e01bee848\$96d9d460\$fa8f59cf@franklin>
From: "Gary Franklin" <franklin@net-link.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: Collins KWM-2, 312B-5, 30L-1
Date: Mon, 16 Aug 1999 20:36:25 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would like to put up a new crank up tower, with new antennas..... getting
too old to climb anymore! Therefore the need to finance this project! I
have for sale a KWM-2, 516F-2 with speaker, 312B-5, and a 30L-1 with new
811A's. All are winged emblem and CCA very good condition....I prefer sell
these pieces as a complete station rather than individually. Price: \$2,000
+ shipping

Gary K8BKB

franklin@net-link.net

Message-ID: <37B8C312.5C107F4C@tcsourceone.com>
Date: Mon, 16 Aug 1999 20:04:03 -0600

From: "Wallace Gibbons" <rockwall@tcsourceone.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Hammarlund and Hallicrafters FS
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

Have a HQ-180, with clock, and matching speaker for sale. Has slight backlash on the main tuning dial. Have another drive assembly from an HQ-170 to put in. Never did it.

Chassis has been marked with a sharpie black marker to assist in alignment. Radio works great. Meter and dials are in good shape. Clock works. More specific details on condition if your interested. Email me, please.

I like the receiver, but have an SP-600 and just got a SP-400, so just no room for it.

\$350 shipped to your door double boxed or discounted if you pick it up in Logan Utah.

Also am going to sell a Hallicrafters SX-17. I fixed the intermittant in the band switch (thanks to people on the list for how to do it!). Has no bottom cover. Works fine. All knobs are the original. SMeter case is cracked, a common malady with the old Hallicrafters. Lettering a little faded on the front too.

\$175 shipped double boxed to your door. Discounted if you pick it up.

Wally Gibbons
rockwall@tcsourceone.com

Message-ID: <01c301bee85b\$03161780\$542fcfd1@default>
From: "Robert Nickels" <ranickel@mwci.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Oddball Rack
Date: Mon, 16 Aug 1999 21:43:54 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Of course it was only AFTER horsing the slope-front rack down the basement stairs that I realized that the spacing was not the standard 19"! The rails

in this ex-telco rack are spaced to accept a 20.5" wide panel...anyone ever hear of an oddball rack like this?

73, Bob W9RAN

Message-Id: <3.0.32.19990816194904.006e718c@pop.mindspring.com>
Date: Mon, 16 Aug 1999 19:52:23 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: jim lockwood <jmlckwd@mindspring.com>
Subject: FS: Misc radios and stuffe
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

It's time to thin the herd, so to speak, at Radio Free Pollock Pines. The following radios and stuffe are available:

NOT FREE:

1. GSB-100 transmitter. Very nice front panel and case. I have had this one for two years and I'll just never get around to working on it. I powered it when I first got it. It puts out RF on all bands, however, the CW note has 60 cycle hum riding on it. I suspect that it needs electrolytics. \$125.

2. HW-101 transceiver. My main SSB rig for lots of years. I've had this since, oh, 1991. I've used it at home and mobile. Full power, great carrier and unwanted sideband suppression. The receiver is very sensitive especially on 10M. The rig works on all band (including all 4 10M segments). The case is clean and free of dings or scratches. Lately the VFO has taken to jumping 200 to 300 cycles every once in a while. I'm told this can be poor PC board grounding. \$100 transceiver only, \$135 with DC supply.

3. Drake 2B receiver. Works well, just like a 2B should, but this is definitely not a museum piece. The preselector knob is wrong. It is missing the 10M crystal. It has the typical copper cancer. There is no calibrator. There are some scratches on the cabinet. \$95.

FREE STUFF:

1. 19" rack. About 4 feet tall, maybe 12 to 14 inches depth. On casters. Needs painting.

2. 19" rack. About 5 feet tall. Ruggedly built. Top third of front slopes back. Ruggedly built. Dirty from having been stored in my barn, but not rusty and doesn't need painting. Did I mention this thing is rugged?

Terms and fine print:

I strongly prefer pick up on everything. That way, you can see the radios for your self and verify that they are as I've described them.

I am willing to meet part way on the NOT FREE items. How far? Well, figure that the more expensive the radio, the farther I'm willing to drive. Ballpark, let's think in terms of .5 mile/\$

I can bring any or all of the NOT FREE thingys to Livermore in September.

Shipping, if you want me to do it, will cost you a *bundle*; I use all new materials, double box, and pack very well.

Rules of Ware (as modified any way I see fit) apply to the FREE STUFF and I won't deliver (except to the local landfill if no one wants the racks).

73,

Jim - K4CCF

(formerly KM6NK, WA4K00, WN4K00)

Looking for original QSL cards from K4CCF

<http://www.mindspring.com/~johnmb/radiorm1.htm>

Message-ID: <37B8D7F0.9A600729@ix.netcom.com>
Date: Mon, 16 Aug 1999 22:33:04 -0500
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Military Surplus <milsurplus@qth.net>,
Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Help Needed
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Lloyd A. Scott, Jr." wrote:

>

> Greetings All: Going through some old boxes of spates, I found The

> Following: Alignment Indicator I-210-E, ...

>Does anyone have a print, manual or know

> anything about this "thing" ...

>From TM 11-487, page 345:

I-210 (Technical manual TM 11-316) is:

"Electronic Alignment Unit, with electron ray tube VT-215.

Optimal replacement for Voltohmmeter I-107 in Maintainance
equipment ME-13. Requires 1 battery, BA-39"

Was part of general radio repair equipment ME-13 and ME-40,
which serviced BC-659, BC-620, BC-1000 etc. type radios
in the field.

73 OM DE Dave Stinson AB5S

arc5@ix.netcom.com

Message-ID: <37B8F494.86B4FCBC@gvi.net>

Date: Mon, 16 Aug 1999 22:35:16 -0700

From: Frank White <frw@gvi.net>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: FS: Tek Manuals

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I've uncovered some more original Tektronix manuals, all in good
condition and I'll pay Priority Shipping.

Frank

frw@gvi.net

Type 3A3 Dual-Trace Differential Amp	\$7.00
Type D10 Single Beam Display Unit	\$7.00
Type D Plug-In	\$7.00
Type N Plug-In	\$7.00
Type M Plug-In	\$7.00
Type 5B10N Time Base/Amplifier	\$7.00
Type 543B Oscilloscope	\$16.00
Type R Plug-In	\$7.00
Type B Plug-In	\$7.00
Type 549 Storage Oscilloscope	\$16.00

End of BOATANCHORS Digest 2638
